

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

35-47. (Canceled)

48. (Currently amended) ~~The method of claim 35~~ A method of enriching for hepatic progenitors from liver comprising:

- (a) preparing a single-cell suspension of liver cells; and
 - (b) panning said suspension utilizing antibodies specific for hemopoietic cells, mesenchymal cells, mature liver cells, or combinations thereof, to remove said hemopoietic cells, mesenchymal cells, mature liver cells, or combinations thereof, from said suspension such that said suspension is enriched in hepatic progenitors;
- wherein the liver is adult liver.

49-51. (Canceled)

52. (New) The method of claim 48 wherein the mesenchymal cells comprise endothelial cells.

53. (New) The method of claim 48 wherein the mature liver cells comprise at least one of hepatocytes and bile duct cells.

54. (New) The method of claim 48 which further comprises performing multiparametric fluorescence activated cell sorting on said suspension utilizing at least one antibody to a hepatic cell marker, side scatter, forward scatter, autofluorescence, or combinations thereof.

55. (New) The method of claim 48 wherein the antibodies specific for hemopoietic cells are monoclonal antibodies.
56. (New) The method of claim 48 wherein said single cell suspension comprises an agent capable of removing calcium from liver cell surface.
57. (New) The method of claim 48 wherein said single cell suspension comprises EGTA.
58. (New) The method of claim 48 wherein said single cell suspension comprises an enzyme capable of dissociating liver cells.
59. (New) The method of claim 48 wherein said single cell suspension contains collagenase.
60. (New) The method of claim 48 wherein said single cell suspension is chilled.
61. (New) The method of claim 48 wherein said single cell suspension is at a temperature of between about 2 and 20 °C.
62. (New) The method of claim 55 wherein said monoclonal antibodies are at least one of OX-43 and OX-44.
63. (New) The method of claim 54 wherein the antibody to a hepatic cell marker is monoclonal antibody 374.3
64. (New) The method of claim 54 wherein said hepatic cell marker is OC.3.